

OPINION 1962

Arctocephalus F. Cuvier, 1826 and *Callorhinus* Gray, 1859 (Mammalia, Pinnipedia): conserved by the designation of *Phoca pusilla* Schreber, 1775 as the type species of *Arctocephalus*; and *Otaria* Péron, 1816 and *Eumetopias* Gill, 1866: conserved by the designation of *Phoca leonina* Molina, 1782 as the type species of *Otaria*

Keywords. Nomenclature; taxonomy; Mammalia; Pinnepedia; OTARIIDAE; *Arctocephalus*; *Callorhinus*; *Otaria*; *Eumetopias*; *Arctocephalus pusillus*; *Callorhinus ursinus*; *Otaria leonina*; *Otaria byronia*; *Eumetopias jubata*; eared seals; fur seals; sea lions.

Ruling

- (1) Under the plenary power:
 - (a) the name *Otoes* Fischer, 1817 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
 - (b) all previous type species fixations for the following nominal genera are hereby set aside:
 - (i) *Arctocephalus* F. Cuvier, 1826, and *Phoca pusilla* Schreber, 1775 is designated as the type species;
 - (ii) *Otaria* Péron, 1816, and *Phoca leonina* Molina, 1782 is designated as the type species.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Arctocephalus* F. Cuvier, 1826 (gender: masculine), type species by designation under the plenary power in (1)(b)(i) above *Phoca pusilla* Schreber, 1775;
 - (b) *Callorhinus* Gray, 1859 (gender: masculine), type species by monotypy *Phoca ursina* Linnaeus, 1758;
 - (c) *Otaria* Péron, 1816 (gender: feminine), type species by designation under the plenary power in (1)(b)(ii) above *Phoca leonina* Molina, 1782 (invalid senior subjective synonym of *Phoca byronia* de Blainville, 1820);
 - (d) *Eumetopias* Gill, 1866 (gender: masculine), type species by monotypy *Arctocephalus monteriensis* Gray, 1859 (a junior subjective synonym of *Phoca jubata* Schreber, 1776).
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *pusilla* Schreber, 1775, as published in the binomen *Phoca pusilla* (specific name of the type species of *Arctocephalus* F. Cuvier, 1826);
 - (b) *ursina* Linnaeus, 1758, as published in the binomen *Phoca ursina* (specific name of the type species of *Callorhinus* Gray, 1859);
 - (c) *byronia* de Blainville, 1820, as published in the binomen *Phoca byronia* (first available subjective synonym of *Phoca leonina* Molina, 1782 (a junior primary homonym of *P. leonina* Linnaeus, 1758), the type species of *Otaria* Péron, 1816);

- (d) *jubata* Schreber, 1776, as published in the binomen *Phoca jubata* (senior subjective synonym of *Arctocephalus monteriensis* Gray, 1859, the type species of *Eumetopias* Gill, 1866).
- (3) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
- (a) *Otoes* Fischer, 1817, as suppressed in (1)(a) above;
- (b) *Halarctus* Gill, 1866 (a junior objective synonym of *Arctocephalus* F. Cuvier, 1826);
- (c) *Callotaria* Palmer, 1892 (a junior objective synonym of *Callorhinus* Gray, 1859).

History of Case 3058

An application for the conservation of *Arctocephalus* F. Cuvier, 1826 and *Callorhinus* Gray, 1859 by the designation of *Phoca pusilla* Schreber, 1775 as the type species of *Arctocephalus*, and of *Otaria* Péron, 1816 and *Eumetopias* Gill, 1866 by the designation of *Phoca leonina* Molina, 1782 as the type species of *Otaria*, was received from Dr Alfred L. Gardner (U.S. Geological Survey, Patuxent Wildlife Research Center, National Museum of Natural History, Washington, D.C., U.S.A.) and Dr C. Brian Robbins (National Museum of Natural History, Washington, D.C., U.S.A.) on 5 August 1997. After correspondence the case was published in BZN 56: 136–141 (June 1999). Notice of the case was sent to appropriate journals.

It was noted on the voting paper that *Phoca byronia* de Blainville, 1820 was the valid name for *P. leonina* Molina, 1782, the proposed type species (and that designated by Palmer, 1904) of *Otaria* Péron, 1816, the southern sea lion genus, *P. leonina* Molina being a junior primary homonym of *P. leonina* Linnaeus, 1758, the elephant seal. The synonymy between *P. leonina* Molina and *P. byronia* had been cited by a number of authors, including J.A. Allen (1902, p. 115), Cabrera (1958, p. 301) and Wozencraft in Wilson & Reeder (1993, p. 328).

Decision of the Commission

On 1 March 2000 the members of the Commission were invited to vote on the proposals published in BZN 56: 139–140. At the close of the voting period on 1 June 2000 the votes were as follows:

Affirmative votes — 20: Bock, Bouchet, Brothers, Cocks, Cogger, Eschmeyer, Heppell, Kerzhner (part), Kraus, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Papp, Patterson, Ride, Savage, Schuster, Štys

Negative votes — 1: Song.

No votes were received from Dupuis and Nielsen.

Lehtinen was on leave of absence.

Kerzhner voted in favour of the designation of *Phoca pusilla* Schreber, 1775 as the type species of *Arctocephalus* F. Cuvier, 1826, but abstained from voting on the type species of *Otaria* Péron, 1816 because he was not sure that *Phoca leonina* Molina, 1782 was an available name. Dupuis declined to vote on the grounds that less than a year had elapsed since publication of the case. [Editorial note. An explanation of procedure followed in sending cases for voting was given in BZN 54: 53–54, March 1997].

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

- Arctocephalus* F. Cuvier, 1826, *Phoque* in Cuvier, F. (Ed.), *Dictionnaire des Sciences Naturelles*, vol. 39 (Perroq - Phoq), p. 554.
- byronia*, *Phoca*, de Blainville, 1820, *Journal de Physique, de Chimie et d'Histoire Naturelle*, **91**: 287, 300.
- Callorhinus* Gray, 1859, *Proceedings of the Zoological Society of London*, **1859**: 359.
- Callotaria* Palmer, 1892, *Proceedings of the Biological Society of Washington*, **7**: 156.
- Eumetopias* Gill, 1866, *Proceedings of the Essex Institute*, **5**: 7.
- Halarctus* Gill, 1866, *Proceedings of the Essex Institute*, **5**: 7.
- jubata*, *Phoca*, Schreber, 1776, *Die Säugethiere in Abbildungen nach der Natur mit Beschreibungen*, vol. 3, part 17, p. 300, pl. 83B.
- Otaria* Péron, 1816, Histoire de l'éléphant marin, ou phoque à trompe [*Phoca proboscidae*, N.]: pêches des Anglois aux Terres Australes in: *Voyage de découvertes aux Terres Australes, exécuté sur les Corvettes le Géographe, le Naturaliste, et la Goëlette le Casuarina, pendant les années 1800, 1801, 1802, 1803 et 1804*, vol. 2, p. 37, footnote.
- Otoes* Fischer, 1817, *Mémoires de la Société Impériale des Naturalistes de Moscou*, **5**: 445.
- pusilla*, *Phoca*, Schreber, 1775, *Die Säugethiere in Abbildungen nach der Natur mit Beschreibungen*, vol. 2, part 13, pl. 85.
- ursina*, *Phoca*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 37.